

**System and Method of Fluid Transfer Using Devices with Rotatable Housings****Abstract**

Embodiments of the present invention are directed toward systems and methods of  
5 transferring fluid using devices that have a rotatable housing. One embodiment of the  
invention attaches a fluid-drive element to a rotatable housing to drive fluid into a conduit for  
transfer. In another embodiment, a pitot tube is attached to the rotatable housing, the motion  
of the housing driving fluid into the conduit for transfer. Other embodiments of the  
invention may utilize a pressure difference to drive fluid through a conduit. Embodiments of  
10 the invention may also utilize baffles to alter circulation of fluid that may be induced by the  
motion of the rotating housing, to promote fluid transfer through a conduit. Some of the  
aforementioned embodiments may be especially useful in transporting fluid in a liquid ring  
pump with a rotatable housing.